arm being substantially elongated and including two or more articulately connected sections and one or more actuator means capable of changing the orientation at least two said sections with respect to each other.

92. An adjustable arm assembly as claimed in claim 91, wherein the lower or outer surface of at least one said section forms a working surface provided with at least one tool adapted for interaction with a terrain surface.

93. An adjustable arm assembly as claimed in claim 92, wherein the lower or outer surface of two or more said sections forms a continuous working surface provided with at least one tool.

- 94. An adjustable arm assembly as claimed in claim 93, wherein said working surface of each section may be longitudinal curved or straight in the vertical plane.
- 95. An adjustable arm assembly as claimed in claim 94, wherein two or more of said working surfaces are of different lengths longitudinally and/or laterally.
- 96. An adjustable arm assembly as claimed in claim 95, wherein the longitudinal curvature of the or each said working surface can be altered in the vertical plane by said actuators
- 97. An adjustable arm assembly as claimed in claim 96, wherein the or each actuator

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means is capable of altering the angle between adjacent sections to coil the arm assembly for transport and/or storage and uncoil for use.

- 98. An adjustable arm assembly as claimed in claim 97, wherein said actuator means are attached between adjacent sections and between the said attached end of the arm and a vehicle mounting means.
- 99. An adjustable arm assembly as claimed in claim 98, wherein two or more tools on at least one working surface are inter-linked by a movable conveying means.
- 100. An adjustable arm assembly as claimed in claim 99, wherein one or more tools are positioned at fixed locations on at least one working surface.
- 101. An adjustable arm assembly as claimed in claim 100, wherein two or more working surfaces are provided with separate conveying means.
- 102. An adjustable arm assembly as claimed in claim 101, wherein the or each said conveying means is/are movable by at least one drive.
- 103. An adjustable arm assembly as claimed in claim 102, wherein each conveying means is separately provided with at least one drive.

- 104. An adjustable arm assembly as claimed claim 103, wherein at least one said conveying means is constrained to move within a closed path.
- 105. An adjustable arm assembly as claimed in claim 104, wherein said conveying means is constrained by a slotted track on said working surface with the or each tool projecting outwardly from said track.
- 106. An adjustable arm assembly as claimed in claim 105, wherein said conveying means passes around at least two direction-changing means.
- 107. An adjustable arm assembly as claimed in claim 106, wherein at least one of said direction changing means is a drive.
- 108. An adjustable arm assembly as claimed in claim 107, wherein said closed path is located substantially about the periphery of at least one working surface.
- 109. An adjustable arm assembly as claimed in claim 108, wherein said conveying means is capable of bi-directional movement along said closed path.
- 110. An adjustable arm assembly as claimed in claim 109, wherein said conveying means is selected from the group including a chain, belt, rope, wire or hawser.

111. An adjustable arm assembly as claimed in claim 110, wherein at least one section is formed from two sub-units which may be pivoted with respect to each other about a mutual pivot axis orthogonal to the direction of vehicle travel in use.

112. An adjustable arm assembly as claimed in claim 111, wherein portions of said closed path intermediate said direction changing means are substantially parallel and extend substantially along opposing longitudinal edges of said working surface.

- 113. An adjustable arm assembly as claimed in claim 112, wherein said portions of the closed path along opposing longitudinal edges of said working surface are substantially parallel.
- 114. An adjustable arm assembly as claimed in claim 113, wherein the said portion of the closed path along one longitudinal edge of at least one working surface is vertically elevated with respect to the portion of the said path along the opposing longitudinal edge.
- 115. An adjustable arm assembly as claimed in claim 114, wherein the said vertical elevation of the portions of the closed path along one longitudinal edge with respect to the portion of the path along the opposing longitudinal edge is adjustable.
- 116. An adjustable arm assembly as claimed in claim 115, wherein the said vertical elevation is adjustable by means of pivoting the said arm assembly about a horizontal axis co-planar with the longitudinal axis of the elongated arm assembly.

117. An adjustable arm assembly as claimed in claim 116, wherein the said vertical elevation is adjustable by pivoting and/or height adjusting at least one of said direction changing means.

118. An adjustable arm assembly as claimed in claim 117, wherein the said vertical elevation is adjustable by pivoting said sub-units about said mutual pivot axis.

119. An adjustable arm assembly as claimed in claim 118, wherein said tool is adapted for cutting, scraping/pushing, packing, smoothing and/or rolling a terrain surface.

120. An adjustable arm assembly as claimed in claim 119, wherein said terrain surface includes snow, ice, sand, soil, mud, building debris, grass, crops, undergrowth, coal, aggregate, or particulate substances.

121. An adjustable arm assembly as claimed in claim 120, wherein said tools are selected from the group including a paddle, scraping element, rasping element, a cutter shaft, spiral cutter, brushing roller, pick-up roller and any combination of same.

122. An adjustable arm assembly as claimed in claim 121, wherein said tools are rotatably mounted.

- 123. An adjustable arm assembly as claimed in claim 122, wherein the said arm assembly is pivotably attachable to said vehicle about a vertical axis, enabling the or each section to be pivoted for deployment on either side of the said vehicle.
- 124. An adjustable arm assembly as claimed in claim 123, wherein the said arm assembly may be moved in the vertical plane.
- 125. An adjustable arm assembly as claimed in claim 124, wherein the said arm assembly may be moved transversely to the direction of movement of the vehicle.
- 126. An adjustable arm assembly as claimed in claim 125, wherein the arm assembly may be at least partially rotated about an axis in the horizontal plane.
- 127. An adjustable arm assembly as claimed in claim 126, wherein one or more supporting devices are located at predetermined fixed positions about one or more working surface(s).
- 128. An adjustable arm assembly as claimed in claim 127, wherein said predetermined fixed positions include the longitudinal edges of said working surface and between said opposed portions of said closed path intermediate said direction changing means.
- 129. An adjustable arm assembly as claimed in claim 128, wherein at least two of said supporting devices are laterally offset with respect to each other.

130. An adjustable arm assembly as claimed in claim 129, wherein at least one supporting device is located at the intersection of adjacent working surfaces.

131. An adjustable arm assembly as claimed in claim 130, wherein one or more said supporting devices are formed as a said tool.

132. An adjustable arm assembly as claimed in claim 131, wherein one or more said supporting devices are configured to contact the terrain surface in use and thereby provide support by transferring at least a portion of the arm assembly weight to the terrain surface.

133. An adjustable arm assembly as claimed in claim 132, wherein at least one section is independently pivotable with respect to an adjacent section about an axis orthogonal to the direction of movement of the arm assembly when deployed in use.

134. An adjustable arm assembly as claimed in claim 133, wherein one or more flexible grooming elements may be affixed to the longitudinal edge of one or more working surface facing away from the direction of movement of the said vehicle, configured such that a trailing edge of the or each grooming element is wiped across the adjacent surface of the terrain when in use.

135. An adjustable arm assembly as claimed in claim 134, wherein said flexible grooming elements are detachable.

136. An adjustable arm assembly as claimed in claim 135, wherein said flexible grooming elements are movable between said in-use position and a stand-by position whereby said grooming elements are retained out of contact with the terrain surface.

137. An adjustable arm assembly as claimed in claim 136, wherein said grooming elements are located along both said opposing longitudinal sides of said working surface.

138. An adjustable arm assembly attachable at one end to a suitable vehicle and being capable of deployment substantially orthogonally to the direction of movement of said vehicle; said arm being substantially elongated and wherein a lower or outer surface of said arm forms a working surface provided with at least one tool adapted for interaction with a terrain surface.

- 139. An adjustable arm assembly as claimed in claim 138, wherein said working surface may be longitudinal curved or straight in the vertical plane.
- 140. An adjustable arm assembly as claimed in claim 139, wherein two or more tools on said working surface are inter-linked by at least one movable conveying means.
- 141. An adjustable arm assembly as claimed in claim 140, wherein one or more tools are positioned at fixed locations on said working surface.

- 142. An adjustable arm assembly as claimed in claim 141, wherein said working surface is provided with two or more distinct conveying means.
- 143. An adjustable arm assembly as claimed in claim 142, wherein the or each said conveying means is/are movable by at least one drive.
- 144. An adjustable arm assembly as claimed in claim 143, wherein each conveying means is separately provided with at least one drive.
- 145. An adjustable arm assembly as claimed in claim 144, wherein at least one said conveying means is constrained to move within a closed path.
- 146. An adjustable arm assembly as claimed in claim 145, wherein said conveying means is constrained by a slotted track on said working surface with the or each tool projecting outwardly from said track..
- 147. An adjustable arm assembly as claimed in claim 146, wherein said conveying means passes around at least two direction-changing means.
- 148. An adjustable arm assembly as claimed in claim 147, wherein at least one of said direction changing means is a drive.

149. An adjustable arm assembly as claimed in claim 148, wherein said closed path is located substantially about the periphery of said working surface.

150. An adjustable arm assembly as claimed in claim 149, wherein said conveying means is capable of bi-directional movement along said closed path.

151. An adjustable arm assembly as claimed in claim 150, wherein said conveying means is selected from the group including a chain, belt, rope, wire, or hawser.

152. An adjustable arm assembly as claimed in claim 151, wherein said arm is formed from two sub-units which may be pivoted with respect to each other about a mutual pivot axis orthogonal to the direction of vehicle travel in use.

153. An adjustable arm assembly as claimed in claim 152, wherein portions of said closed path intermediate said direction changing means are substantially parallel and extend substantially along opposing longitudinal edges of said working surface.

- 154. An adjustable arm assembly as claimed In claim 153, wherein said portions of the closed path along opposing longitudinal edges of said working surface are substantially parallel.
- 155. An adjustable arm assembly as claimed in claim 154, wherein the said portion of the closed path along one longitudinal edge of at least one working surface is vertically elevated with

respect to the portion of the said path along the opposing longitudinal edge.

156. An adjustable arm assembly as claimed in claim 155, wherein the said vertical elevation of the portions of the closed path along one longitudinal edge with respect to the portion of the path along the opposing longitudinal edge is adjustable.

157. An adjustable arm assembly as claimed in claim 156, wherein the said vertical elevation is adjustable by means of pivoting the said arm assembly about a horizontal axis co-planar with the longitudinal axis of the elongated arm assembly.

- 158. An adjustable arm assembly as claimed in claim 157, wherein the said vertical elevation is adjustable by pivoting and/or height adjusting at least one of said direction changing means.
- 159. An adjustable arm assembly as claimed in claim 158, wherein the said vertical elevation is adjustable by pivoting said sub-units about said mutual pivot axis.
- 160. An adjustable arm assembly as claimed in claim 159, wherein said tool is adapted for cutting, scraping/pushing, packing, smoothing and/or rolling a terrain surface.
- 161. An adjustable arm assembly as claimed in claim 160, wherein said terrain surface includes snow, ice, sand, soil, mud, building debris, grass, crops, undergrowth, coal, aggregate, or

particulate substances.

162. An adjustable arm assembly as claimed in claim 161, wherein said tools are selected from the group including a paddle, scraping element, rasping element, a cutter shaft, spiral cutter, brushing roller, pick-up roller and any combination of same.

163. An adjustable arm assembly as claimed in claim 162, wherein saw tools are rotatably mounted.

164. An adjustable arm assembly as claimed in claim 163, wherein the said arm assembly is pivotably attachable to said vehicle about a vertical pivot point, enabling the or each section to be pivoted for deployment on either side of the said vehicle.

- 165. An adjustable arm assembly as claimed in claim 164, wherein the said arm assembly may be moved in the vertically plane.
- 166. An adjustable arm assembly as claimed in claim 165, wherein the said arm assembly may be moved transversely to the direction of movement of the vehicle.
- 167. An adjustable arm assembly as claimed in claim 166, wherein the arm assembly may be at least partially rotated about an axis in the horizontally plane.

168. An adjustable arm assembly as claimed in claim 167, wherein one or more supporting devices are located at predetermined fixed positions about said working surface.

169. An adjustable arm assembly as claimed in claim 168, wherein said predetermined fixed positions include the longitudinal edges of said working surface and between said opposed portions of said closed path intermediate said direction changing means.

170. An adjustable arm assembly as claimed in claim 169, wherein at least two of said supporting devices are laterally offset with respect to each other.

171. An adjustable arm assembly as claimed in claim 170, wherein one or more said supporting devices are formed as a said tool.

172. An adjustable arm assembly as claimed in claim 171, wherein one or more said supporting devices are configured to contact the terrain surface in use and thereby provide support by transferring at least a portion of the arm assembly weight to the terrain surface.

173. An adjustable arm assembly as claimed in claim 172, wherein one or more flexible grooming elements is affixed to the longitudinal edge of said working surface facing away from the direction of movement of the said vehicle, configured such that a trailing edge of the or each grooming element is wiped across the adjacent terrain surface when in use.

174. An adjustable arm assembly as claimed in claim 173, wherein said flexible grooming elements are detachable.

175. An adjustable arm assembly as claimed in claim 174, wherein said flexible grooming elements are movable between said in-use position and a stand-by position whereby said grooming elements are retained out of contact with the terrain surface.

176. An adjustable arm assembly as claimed in claim 175, wherein said grooming elements are located along both said opposing longitudinal sides of said working surface.

177. An adjustable arm assembly as claimed in claim 176, wherein said arm assembly is pivotably attachable to said vehicle by a detachable vehicle mounting means.

178. An adjustable arm assembly as claimed in claim 177, wherein said tools are hinged to move freely in one direction along the longitudinal axis of the section, but to be fixed in the reciprocal direction.

179. An adjustable arm assembly as claimed in claim 178, wherein said tools are hinged to move freely in one direction orthogonal to the longitudinal axis of the section, but to be fixed in the reciprocal direction.

180. An adjustable arm assembly as claimed in claim 179, wherein said arm assembly is